Amendments to the Specification:

Commencing on a separate sheet, please replace the Abstract with the following
rewritten Abstract:

ABSTRACT

A distributed MAC protocol that includes a superframe having a slotted Beaconing
Period and a data transfer period. The superframe includes a plurality of medium
access slots which are assigned to the slotted Beaconing Period. The Beaconing
Period length may be fixed or variable. The Beaconing protocol defines initializing an
ad hoc network by means of starting a Beaconing Period, joining an existing
Beaconing Period of ad hoc network and resolving collisions during the Beaconing
Period.